

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IFW



Applicant: CARLSON  
Serial No.: 10/813,568  
Filed: March 29, 2004  
Confirmation No.: 4101  
Title: ARTIFICIAL RECEPTORS, BUILDING BLOCKS, AND METHODS

Examiner: Unknown  
Group Art Unit: 1645  
Docket: 14095.1US11  
Customer No.: 23552

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 14, 2005.

By:

Name: Sheryl A. Boerboom

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**23552**

PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Supplemental Information Disclosure Statement, Form 1449, 11 References
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date:

Feb 14, 2005

Mark T. Skoog  
Mark T. Skoog  
Reg. No. 40,178  
MTS:sab

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PATENT TRADEMARK OFFICE

S/N 10/813,568

PATENT

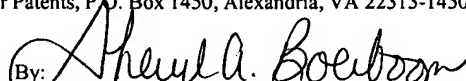


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	CARLSON	Examiner:	UNKNOWN
Serial No.:	10/813,568	Group Art Unit:	1645
Filed:	MARCH 29, 2004	Docket No.:	14095.1US11
Confirmation No.:	4101	Customer No.:	23552
Title:	ARTIFICIAL RECEPTORS, BUILDING BLOCKS, AND METHODS		

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 14, 2005.

By:   
Name: Sheryl A. Boerboom

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**(37 C.F.R. § 1.97(b))**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

A copy of any foreign patent document or "Other Document" listed on the Form 1449 is enclosed, in accordance with 37 C.F.R. § 1.98(a)(2). Because this application was filed after June 30, 2003, copies of the U.S. Patents and U.S. patent publications listed on the enclosed Form 1449 are not provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

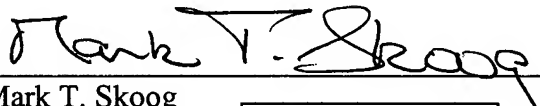
Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.


Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date: Feb 14, 2005

  
Mark T. Skoog  
Reg. No. 40,178  
MTS:sab



<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 14095.1US11	Application Number: 10/813,568
	Applicant: CARLSON	
	Filing Date: 03/29/04	Group Art Unit: 1645

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,340,474	08/23/1994	Kauvar			
	2002/0187197 A1	12/12/2002	Caruso et al.			
	2004/0010126 A1	01/15/2004	Lubman et al.			
	2004/0137526 A1	07/15/2004	Hanash et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
		Freemantle, M., "Amplification of the Fittest. Dynamic Combinatorial Library Strategy Leads to Discovery and Synthesis of New Compounds", <i>C &amp; EN</i> , pp. 31-33 (September 2, 2002)				
		Korbel, G. et al., "A Method for Rapidly Determining the Enantiomeric Excess of Thousands of Samples", <i>J. Am. Chem. Soc.</i> , 123:361-362 (2001)				
		Lindsley, C. et al., "Solid-Phase Biomimetic Synthesis of Carpanone-like Molecules", <i>J. Am. Chem. Soc.</i> , 122:422-423 (2000)				
		Linton, B. et al., "Host-guest chemistry: combinatorial receptors", <i>Current Opinion in Chemical Biology</i> , 3:307-312 (1999)				
		Park, H. et al., "Modulation of protein-protein interactions by synthetic receptors: Design of molecules that disrupt serine protease-proteinaceous inhibitor interaction", <i>PNAS</i> , 99(8):5105-5109 (2002)				
		Pickens, J. et al., "Anchor-Based Design of Improved Cholera Toxin and <i>E. Coli</i> Heat-Labile Enterotoxin Receptor Binding Antagonists that Display Multiple Binding Modes", <i>Chemistry &amp; Biology</i> , 9:215-224 (2002)				
		Rodriguez, M. et al., "An Oriented Peptide Array Library (OPAL) Strategy to Study Protein-Protein Interactions", <i>The Journal of Biological Chemistry</i> , 279(10):8802-8807 (2004)				
		Sasaki, D. et al., "Crown Ether Functionalized Lipid Membranes: Lead Ion Recognition and Molecular Reorganization", <i>Langmuir</i> , 18:3714-3721 (2002)				
		Sasmai, S. et al., "Facile Purification of Rare Cucurbiturils by Affinity Chromatography", <i>Organic Letters</i> , 6(8):1225-1228				
		Srinivasan, N. et al., "Combinatorial approaches to synthetic receptors", <i>Current Opinion in Chemical Biology</i> , 8:305-310 (2004)				
		Tomalia, D., "Birth of a New Macromolecular Architecture: Dendrimers as Quantized Building Blocks for Nanoscale Synthetic Organic Chemistry", <i>Aldrichimica ACTA</i> , 37(2): 39-57 (2004)				

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EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	